

● PRINTER RUSH ●
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Application :	10/698,579	Examiner :	Price
From:	MR	Location:	IDC FMF FDC
		Date:	10-14-05
		Tracking #:	06102655
		Week Date:	05-09-05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input checked="" type="checkbox"/> SPEC	10-31-03	

[RUSH] MESSAGE: *Table 11 on specification pg. no. 51 (10-31-03)
has some illegible data same as table 21 on
pg. 75.*

Please resolve.

*Thank you,
MR*

[XRUSH] RESPONSE:

See misc comp

Done

INITIALS: *rgb*

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
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FACSIMILE COVER PAGE

TO: Rori Burch **FAX NO:** (703) 746-6830
USPTO Publishing Division

FROM: Susan Schwarz **NO. OF PAGES:** 5, including cover
Assistant to Robert C. Hyta

DATE: November 7, 2005 **Application No.:** 10/698,579

Atty. Docket No.: PC3-058

SUBJECT/MESSAGE:

Ms. Burch,

Accompanying this fax is copy of office communication dated 10/28/05, along with our best copies of pages 51 and 75 of the Application. If these copies are not of sufficient quality, we would be happy to scan the copies and email them to you. If so desired, please advise and provide us with your email address.

Thank you,
Susan Schwarz
sschwarz@wellsstjohn.com

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,579	10/31/2003	Yuichi Iikubo	PC3-058	1655
21567	7590	10/28/2005	EXAMINER	
WELLS ST. JOHN P.S. 601 W. FIRST AVENUE, SUITE 1300 SPOKANE, WA 99201			PRICE, ELVIS O	
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			1621	

DATE MAILED: 10/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Serial Number
10698579

Date Mailed
10/28/05

NOTICE TO FILE CORRECTED APPLICATION PAPERS**Notice of Allowance Mailed**

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- Specification---pages 51 and 75 contain illegible data in table.

APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.

A copy of this notice MUST be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450
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Ron Burch
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TABLE 11. C₃Cl₄F₆ to CFC-217ba with Different Catalyst Systems

Catalyst	Temp.(C)	Contact Time (sec)	Mole Ratio C ₃ Cl ₄ F ₆	Conversion CFC-217ba	Selectivity to CFC-13	RESULTS % GC Area							
						CFC-218	CFC-217ba	CFC-115	CRC-216aa	CFC-216ba	HCF-226da		
NiCl ₂ /ZnCl ₂ /AC*	300	27.7	3.2	20.1	1.7	0.08	0.01	0.34	1.01	71.89	7.97	16.34	
	400	29.6	3	46.5	8.6	18.25	3.81	0.16	3.97	6.81	45.21	8.32	5.81
	450	18.9	5.3	43.9	85	0.64	0.01	0.07	8.72	0.86	78.92	9.60	0.00
Activated Carbon	400	19.7	5.7	42.4	64.5	0.34	0.03	0.22	33.23	0.61	52.35	n/d	12.60
	450	18.4	5.3	28.7	77.1	0.60	0.03	0.05	17.02	0.50	78.86	n/d	1.44
	480	10.1	5	56.6	90.7	0.81	0.38	0.36	51.23	0.89	43.26	n/d	2.80
ZnCl ₂ /AC	300	10.4	6.5	21.0	3.3	0.01	0.00	0.01	0.69	0.64	71.20	7.80	18.89
	400	19.1	4.2	21.8	51.6	0.13	0.01	0.13	11.22	0.67	72.40	5.85	9.14
	450	9.2	5.2	14.6	55.7	0.81	0.00	0.09	6.67	0.61	79.36	8.74	2.58
	480	19.6	5	73.3	91.6	1.24	0.39	0.69	59.86	0.68	30.25	2.81	3.08
2% FeCl ₃ /AC	400	11.2	6.2	87.6	86.7	0.79	3.74	0.17	70.89	0.35	14.54	1.47	6.96
	450	10.3	6.2	99.9	35.5	6.88	6.69	1.92	64.62	6.88	0.22	0.91	3.07
6% FeCl ₃ /AC	300	10.6	6.5	15.3	5.7	0.02	0.00	0.00	0.90	0.49	76.31	8.38	13.34
	400	19.5	4.2	38.9	74.3	0.16	0.02	0.10	16.08	0.52	72.96	n/d	9.64
	450	19.5	4	48.4	86.2	0.61	0.16	0.29	35.58	0.60	57.24	n/d	4.90
	480	19.7	5	89.5	88.4	1.46	0.97	0.76	71.05	0.88	18.69	0.84	5.02
CrCl ₃ /AC	300	10.5	6.5	52.1	5	0.05	0.00	0.04	2.05	1.63	61.92	7.15	26.42
	400	20.0	5.7	34.5	71.2	0.44	0.04	0.42	29.85	3.27	59.86	n/d	5.31
	450	18.9	4	66.4	84.6	0.60	0.13	0.34	39.81	1.53	45.75	2.49	7.50
	480	18.8	3.8	74.2	84.4	1.81	0.47	0.77	58.97	1.27	26.32	2.32	6.58
KF / AC	400	19.6	4.2	19.6	34.6	0.23	0.01	0.09	15.10	0.21	63.71	3.11	15.33
	450	19.6	4	84.3	63.7	1.46	0.40	0.46	77.18	0.55	15.92	0.72	1.47
	480	19.4	5	79.2	68.4	1.94	1.56	0.66	75.04	0.87	12.23	1.72	3.96
Chrome Gel ®*	400	16.1	2.5	35.2	36.75	3.46	0.07	2.39	12.93	n/d	64.82	n/d	n/d
	480	18.98	9.5	85.94	84.2	n/d	4.07	0.20	72.36	n/d	14.05	0.84	5.24

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Table 21. Selective Chlorination of HFC-227ea

Starting Material % Composition: CFC-227ea 99.8678 CFC-227ca 0.0749		Reaction Conditions				Results (%)			
Activated Carbon	Reactor Temperature (C)	Contact Time (s)	Cl2/HFC-227 Molar	Conversion	Selectivity	CFC-227ca		CFC-217ca	
						CFC-227ca	CFC-217ca	CFC-227ca	
250	13.3	2.01		24.49	98.85	0.0628	0.0219		
300	12.8	1.81		54.46	98.91	0.064	0.0223		
325	11.9	1.48		48.15	96.78	0.0744	0.0217		
325	21.9	2.69		98.91	97.91	n/d*	0.0767		
350	13.2	1.97		65.51	96.2	0.0548	0.0281		
325	22.3	2.91		98.14	98.25	0.0063	0.0751		
200	38.5	0.16		3.23	71.21	0.0981	0.0055		
300	21.8	0.55		44.81	96.51	0.0701	0.0211		
Starting Material % Composition: CFC-227ea 99.5013 CFC-227ca 0.1411									
Reaction Conditions		Results (%)				()			
Activated Carbon	Reactor Temperature (C)	Contact Time (s)	Cl2/HFC-227 Molar	Conversion	Selectivity	CFC-227ca	CFC-217ca	CFC-227ca	
300	16.3		0.174692697	18.3	96.8	0.1255	0.0113		
300	15.8		0.34	46.8	98.6	0.0899	0.0414		
300	14.8		0.328435145	55.6	98.5	0.0829	0.0531		
300	26.9		0.84	79.2	98.7	0.0341	0.093		

*n/d = non-detectable